
NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION

NASA-12485 (October 2003)
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Superseding NASA-12485
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DIVISION 12 - FURNISHINGS

SECTION 12485

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10/03

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SECTION 12485

ENTRANCE MATS
10/03

NOTE: Delete, revise, or add to the text in this
section to cover project requirements. Notes are
for designer information and will not appear in the
final project specification.

This section covers entrance mats for surface
installation, including link mats, tire-fabric mats,
rubber mats, and coconut brush mats.

Drawings must indicate location and size and shape
of mats.

PART 1 GENERAL

1.1 REFERENCES

Not Used

1.2 SUBMITTALS

NOTE: Review submittal description (SD) definitions
in Section 01330 SUBMITTAL PROCEDURES and edit the
following list to reflect only the submittals
required for the project. Submittals should be kept
to the minimum required for adequate quality
control. Include a columnar list of appropriate
products and tests beneath each submittal
description.

The following shall be submitted in accordance with Section 01330 SUBMITTAL
PROCEDURES in sufficient detail to show full compliance with the
specification:

SD-04 Samples

Manufacturer's standard color charts shall be submitted for
Entrance Mats showing the manufacturer's recommended color and
finish selections.

One sample of entrance mats of sufficient size to show corners,
intersections, and other details of construction shall be
submitted. After approval, the sample may be installed if

properly identified.

PART 2 PRODUCTS

2.1 TYPE OF MATS

Entrance Mats shall be the no-hole, link-mat type designed for reversibility. Mats shall be squares or strips of resilient flame-retardant, virgin polyvinylchloride, with wiping blades on each side. Framework shall be 13-gage 2.3 millimeter, double-galvanized, spring-steel wire. Nosing shall be beveled for surface installation extending out approximately 2-inches 50 millimeter around the mat perimeter.

Entrance mats shall be the industrial type; tire-fabric mats shall have uniform-size links a minimum of 5/8-inch 16 millimeter thick, and shall be made from recycled selected truck and bus tires. Links shall be woven in a herringbone design on galvanized spring-steel wire. Mats shall have approximately 2-inch 50 millimeter wide beveled nosing for surface use.

Entrance mats shall be rubber, nonslip, of a prime quality rubber compound free of calendering and curing defects, and resistant to weather aging and ozone in normal concentrations. Mats shall have a pyramid or corrugated surface with knob back for maximum aeration. Thickness shall be approximately 1/2 inch 13 millimeter. Mats shall have beveled edges for surface installation.

Entrance mats shall be coconut brush mats made of quality coir yarn from coconut fibers. Fibers shall be woven tightly together and securely bound around the perimeter with matching coir yarn rope. Top shall be sheared to a thickness of approximately 1-1/2 inches 40 millimeter to give an even, flat brush appearance.

2.2 RUG SIZES

Rug sizes shall be as scheduled.

PART 3 EXECUTION

3.1 DELIVERY OF MATERIALS

Mats shall be delivered, unwrapped, inspected, and placed at indicated doors by the Contractor.

Packing materials shall be removed and disposed of by the Contractor.

-- End of Section --